



FORM PTO 1082-Continuations/Divisionals

VIA HAND DELIVERY

PATENT

Case Docket No. 50626.54

Date: August 25, 2003

Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450



Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): Mohan KIRLOSKAR, Chun Ho FAN, and Neil McLELLAN,
For: IMPROVED BALL GRID ARRAY PACKAGE AND PROCESS FOR MANUFACTURING SAME

This is a ☐ CONTINUING ☐ DIVISIONAL ☒ CONTINUATION-IN-PART of co-pending U.S. patent application entitled "IMPROVED BALL GRID ARRAY PACKAGE AND PROCESS FOR MANUFACTURING SAME" filed August 20, 2003 which is a CONTINUATION-IN-PART of prior application Serial No. 10/323,657 filed December 20, 2002 which is a CONTINUATION-IN-PART of prior application Serial No. 10/197,832 filed July 19, 2002.

Enclosed are:

- ☒ 16 Pages of Specification
- ☒ 16 Sheet(s) of drawing (☒ formal ☐ informal)
- ☐ Declaration and Power of Attorney ☒ Will follow.
- ☐ Form PTO-1595 and an Assignment of the invention to ASAT LTD., QPL Industrial Building, 14th Floor, 138 Texaco Road, Tsuen Wan, New Territories, Hong Kong ☒ Will follow.
- ☒ Request for Non-publication of Application Under 35 USC 122(b)(2)(B)(i)
- ☐ A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27.
- ☐ Change of Correspondence Address
- ☐ Incorporation by Reference - The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied as indicated above, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
- ☐ DELETION OF INVENTOR(S) - Signed statement attached deleting inventor(s) in the prior application.
- ☒ Information Disclosure Statement and Form PTO 1449.
- ☒ Preliminary Amendment
- ☒ General authorization/request to Petition for Extensions of Time
- ☒ Return Postcard

FOR:	NO. FILED	NO. EXTRA	SMALL ENTITY RATE	SMALL ENTITY FEE		OTHER THAN SMALL ENTITY RATE	OTHER THAN SMALL ENTITY FEE
BASIC FEE				\$375.00	OR		\$750.00
TOTAL CLAIMS	30	-10-	X 9	\$	OR	X 18	\$180.00
INDEP CLAIMS	3	-0-	X 40	\$	OR	X 84	\$-0-
<input type="checkbox"/> MULTIPLE DEP CLAIMS PRESENTED			X+ 130	\$	OR	+ 260	\$
			TOTAL =			TOTAL:	\$930.00

- ☐ Please charge my Deposit Account No. 50-1353 the amount of \$
- ☒ Credit Card Payment Form in the amount of \$930.00 to cover the filing fee is enclosed.
- ☐ Credit Card Payment Form for \$ covering the Assignment Recordation Fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1353.
- ☒ Any additional filing fees required under 37 CFR 1.16.
- ☒ Any patent application processing fees under 37 CFR 1.17.
- ☐ The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 50-1353.
- ☐ Any patent application processing fees under 37 CFR 1.17.
- ☐ The issue fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b).
- ☐ Any filing fees under CFR 1.16 for presentation or extra claims.

Respectfully submitted,

Christopher A. Bennett
Registration No. 46,710

KEATING & BENNETT LLP
10400 Eaton Place, Suite 312
Fairfax, VA 22030
(703) 385-5200

PATENT

Docket No.: 50626.54

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re application of: Mohan KIRLOSKAR, Chun Ho FAN, and Neil McLELLAN,
For: IMPROVED BALL GRID ARRAY PACKAGE AND PROCESS FOR
MANUFACTURING SAME**

New Continuation In Part Application of co-pending U.S. patent application entitled,
"IMPROVED BALL GRID ARRAY PACKAGE AND PROCESS FOR
MANUFACTURING SAME", filed August 20, 2003, which is Continuation In Part of prior
application Serial No. 10/323,657 filed December 20, 2002, which is a Continuation In
Part of prior application Serial No. 10/197,832 filed July 19, 2002
Filing Date: August 22, 2003

CERTIFICATE OF MAILING

Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

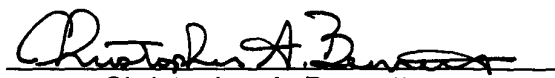
Date of Deposit: August 25 , 2003

VIA EXPRESS MAIL EL629613686US

I hereby certify that an application for patent, including:

16 pages of Specification (which includes 30 claims and a one-page Abstract); 16
Sheets of formal Drawings; a Credit Card Payment Form (PTO-2038) authorizing a
charge to my credit card in the amount of \$930.00 to cover the filing fee; Transmittal
Letter; General Authorization/Request to Petition for Extensions of Time; an Information
Disclosure Statement; Request for Non-publication of Application Under 35 USC
122(b)(2)(B)(i); and Return Postcard are being deposited with the U.S. Postal Service
"Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date
indicated above and is addressed to the Commissioner for Patents, Mail Stop Patent
Application, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit: August 25, 2003


Christopher A. Bennett

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)		First Named Inventor	Mohan KIRLOSKAR
		Title	IMPROVED BALL GRID ARRAY...
		Attorney Docket Number	50626.54

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

August 25, 2003

Date



Signature

(703) 385-5200

Telephone number

Christopher A. Bennett (Reg.No.

46,710)
Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

This collection of information is required by 37 CFR 1.213(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

VIA EXPRESS MAIL EL629613686US
PATENT
50626.54

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

<p>In re application of: Mohan KIRLOSKAR et al.</p> <p>Continuation In Part Application of co-pending U.S. application entitled: IMPROVED BALL GRID ARRAY PACKAGE AND PROCESS FOR MANUFACTURING SAME</p> <p>Serial No.: Currently unknown</p> <p>Filing Date: Concurrently herewith</p> <p>For: IMPROVED BALL GRID ARRAY PACKAGE AND PROCESS FOR MANUFACTURING SAME</p>	
---	--

GENERAL AUTHORIZATION/REQUEST TO PETITION FOR EXTENSIONS OF TIME

Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

With reference to the subject application, and pursuant to 37 C.F.R. § 1.136, Applicant(s) hereby authorize(s) and request(s) the Commissioner to treat any correspondence requiring a petition for extension of time as containing such a request therefor for the appropriate length of time. This general authorization is effective during the pendency of this application, including any division or continuing application therefrom.

New Continuation In Part Application
General Authorization/Request
To Petition for Extensions of Time
Page 2 of 2

Where no check is received by the Commissioner, you are hereby authorized to charge payment of the requisite petition fees, or charge any additional fee required under 37 C.F.R. § 1.17,

or credit any overpayment of same, to Deposit Account No. 50-1353. A duplicate copy of this general authorization is enclosed.

Respectfully submitted,

Date: August 25, 2003



Attorneys for Applicant(s)

Joseph R. Keating
Registration No. 37,368

Christopher A. Bennett
Registration No. 46,710

KEATING & BENNETT LLP
10400 Eaton Place, Suite 312
Fairfax, VA 22030
Telephone: (703) 385-5200
Facsimile: (703) 385-5080